

# JCB ENERGY ELECTRIC POWER INDUSTRY

MADRID / SPAIN



# GENERADORES DIÉSEL -- SERIE JCP

Grupo		JCP 10	JCP 15	JCP 17	JCP 23
Potencia en Espera	kVA ( kWe) A	10,0 [8,0] 14,5	15,0 [12,0] 21,7	17,0 [13,6] 25,0	23,0 [18,4] 33,2
Potencia Primaria	kVA ( kWe) A	9,1 [7,3] 13,1	13,6 [10,9] 19,7	15,0 [12,0] 22,0	20,9 [16,7] 30,2
Potencia Continua	kVA ( kWe) A	6,4 [5,1] 9,2	9,5 [7,6] 13,8	11,0 [9,0] 16,0	14,6 [11,7] 21,2
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
Motor					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		403A-11G1	403A-15G1	403A-15G2	404A-22G1
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	9,5	13,5	15,0	20,6
Potencia Neta del Motor	(kW)	9,3	13,3	15,0	20,3
Número de Cilindros		3	3	3	4
Configuración		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Naturalmente	Naturalmente	Naturalmente	Naturalmente
Tipo de Regulación		Mecánico	Mecánico	Mecánico	Mecánico
Desplazamiento	[L]	1,13	1,49	1,49	2,21
Diámetro y Carrera	[mm]	77 x 81	84 x 90	84 x 90	84 x 100
Relación de Compresión		23:1	22.5:1	22.5:1	23.3:1
Sistema Eléctrico	[V]	12	12	12	12
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	1,40	1,96	2,27	2,81
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	1,93	2,68	3,10	3,88
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	2,48	3,52	4,07	5,15
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	2,96	3,94	5,83	5,84
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lit]	58 [40]	58 [40]	58 [40]	58 [40]
Alternador					
Modelo		JCB 160S	JCB 160M	JCB 160L	JCB 160LX
Potencia de Salida	400 V-kVA	10,0	15,0	16,0	21,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
Dimensiones					
Ancho, Abierto [Con Cubierta]	[mm]	500 [942]	500 [942]	500 [942]	500 [942]
Largo, Abierto [Con Cubierta]	[mm]	1400 [1916]	1400 [1916]	1400 [1916]	1400 [1916]
Altura, Abierto [Con Cubierta]	[mm]	1330 [1444]	1330 [1444]	1330 [1444]	1330 [1444]
Peso, Abierto [Con Cubierta]	[kg]	402 [513]	485 [596]	485 [596]	536 [647]

Grupo		JCP 33	JCP 50	JCP 66	JCP 71
Potencia en Espera	kVA ( kWe ) A	33,0 [26,4] 47,7	50,0 [40,0] 72,3	66,0 [52,8] 95,4	71,0 [56,8] 102,6
Potencia Primaria	kVA ( kWe) A	30,0 [24,0] 43,4	45,5 [36,4] 65,7	60,0 [48,0] 86,7	64,5 [51,6] 93,3
Potencia Continua	kVA ( kWe) A	21,0 [16,8] 30,3	31,8 [25,5] 46,0	42,0 [33,6] 60,7	45,2 [36,1] 65,3
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
Motor					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		1103A-33G	1103A-T33G1	1103A-33TG2	1104A-44TG1
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	31,0	46,5	60,5	65,6
Potencia Neta del Motor	(kW)	30,4	45,6	59,3	64,3
Número de Cilindros		3	3	3	4
Configuración		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Naturalmente	Turboalimentado	Turboalimentado	Turboalimentado
Tipo de Regulación		Mecánico	Mecánico	Mecánico	Mecánico
Desplazamiento	[L]	3,3	3,3	3,3	4,4
Diámetro y Carrera	[mm]	105 x 127	105 x 127	105 x 127	105 x 127
Relación de Compresión		19.25:1	17.25:1	17.25:1	17.25:1
Sistema Eléctrico	[V]	12	12	12	12
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	3,72	5,57	7,26	7,76
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	5,36	8,02	10,46	10,86
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	7,05	10,55	13,75	14,41
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	7,97	11,95	15,55	15,79
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[t]	55 [100]	55 [100]	55 [100]	134 [205]
Alternador					
Modelo		JCB 180M2	JCB 180LX	JCB 225S2	JCB 225S2
Potencia de Salida	400 V-kVA	31,0	46,0	65,0	65,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
Dimensiones					
Ancho, Abierto [Con Cubierta]	[mm]	629 [1002]	634 [1002]	634 [1002]	700 [1042]
Largo, Abierto [Con Cubierta]	[mm]	1600 [2269]	1600 [2269]	1600 [2269]	1700 [2615]
Altura, Abierto [Con Cubierta]	[mm]	1330 [1597]	1330 [1597]	1643 [1597]	1643 [1766]
Peso, Abierto [Con Cubierta]	[kg]	737 [878]	834 [975]	864 [1005]	930 [1157]

# GENERADORES DIÉSEL -- SERIE JCP

Grupo		JCP 88	JCP 112	JCP 150	JCP 165
Potencia en Espera	kVA ( kWe ) A	88,0 [70,4] 127,2	112,0 [89,6] 161,8	150,0 [120,0] 216,8	165,0 [132,0] 238,4
Potencia Primaria	kVA ( kWe ) A	80,0 [64,0] 115,6	101,8 [81,5] 147,1	136,4 [109,1] 197,1	150,0 [120,0] 216,8
Potencia Continua	kVA ( kWe ) A	56,0 [44,8] 80,9	71,3 [57,0] 103,0	95,5 [76,4] 137,9	105,0 [84,0] 151,7
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
Motor					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		1104A-44TG2	1104C-44TAG2	1106A-70TG1	1106A-70TAG2
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	80,7	103,0	135,8	149,1
Potencia Neta del Motor	(kW)	79,1	99,5	131,4	144,1
Número de Cilindros		4	4	6	6
Configuración		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emisión		Fuel Optimised	Tier II	Fuel Optimised	Fuel Optimised
Aspiración		Turboalimentado	Turbo Charged/ Intercooled	Turboalimentado	Turboalimentado
Tipo de Regulación		Mecánico	Electrónico	Electrónico	Electrónico
Desplazamiento	[L]	4,4	4,4	7,01	7,01
Diámetro y Carrera	[mm]	105 x 127	105 x 127	105 x 135	105 x 135
Relación de Compresión		17.25:1	18.23:1	18.2:1	18.2:1
Sistema Eléctrico	[V]	12	12	12	12
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	9,7	11,10	14,02	15,66
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	14,0	16,90	20,15	23,72
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	18,7	22,31	26,60	32,10
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	20,5	24,55	32,53	35,90
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lit]	134 [205]	161 [205]	256 [376]	256 [376]
Alternador					
Modelo		JCB 225M1	JCB 225LX	JCB 270S1	JCB 270S2
Potencia de Salida	400 V-kVA	77,0	109,0	141,0	159,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
DIMENSIONES					
Ancho, Abierto [Con Cubierta]	[mm]	700 [1042]	721 [1042]	900 [1153]	900 [1153]
Largo, Abierto [Con Cubierta]	[mm]	1782 [2615]	1908 [2615]	2400 [2971]	2511 [2971]
Altura, Abierto [Con Cubierta]	[mm]	1643 [1766]	1643 [1766]	1530 [2027]	1573 [2027]
Peso, Abierto [Con Cubierta]	[kg]	945 [1172]	1137 [1364]	1433 [1863]	1471 [1901]



Grupo		JCP 200	JCP 220	JCP 250	JCP 275
Potencia en Espera	kVA ( kWe ) A	200,0 [160,0] 289,0	220,0 [176,0] 317,9	250,0 [200,0] 361,3	275,0 [220,0] 397,4
Potencia Primaria	kVA ( kWe ) A	181,8 [145,5] 262,7	200,0 [160,0] 289,0	227,3 [181,8] 328,4	250,0 [200,0] 361,3
Potencia Continua	kVA ( kWe ) A	127,3 [101,8] 183,9	140,0 [112,0] 202,3	159,1 [127,3] 229,9	175,0 [140,0] 252,9
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
<b>Motor</b>					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		1106A-70TAG3	1106A-70TAG4	1206A-70TTAG2	1206A-70TTAG3
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	180,2	196,3	226,1	248,6
Potencia Neta del Motor	(kW)	175,2	191,3	217,1	238,2
Número de Cilindros		6	6	6	6
Configuración		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Series Turbocharged / aftercooled	Series Turbocharged / aftercooled
Tipo de Regulación		Electrónico	Electrónico	Electrónico	Electrónico
Desplazamiento	[L]	7,01	7,01	7,01	7,01
Diámetro y Carrera	[mm]	105 x 135	105 x 135	105 x 135	105 x 135
Relación de Compresión		16:1	16:1	15.8:1	15.8:1
Sistema Eléctrico	[V]	12	12	12	12
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	19,06	22,36	24,93	27,62
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	30,16	33,54	37,04	40,64
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	39,45	44,31	49,86	55,76
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	43,28	47,71	55,74	63,60
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[t]	256 [376]	375 [376]	375 [445]	375 [445]
<b>Alternador</b>					
Modelo		JCB 270M	JCB 270M1	JCB 270MX	JCB 270L1
Potencia de Salida	400 V-kVA	182,0	214,0	232,0	255,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
<b>DIMENSIONES</b>					
Ancho, Abierto [Con Cubierta]	[mm]	900 [1153]	900 [1153]	995 [1140]	995 [1140]
Largo, Abierto [Con Cubierta]	[mm]	2511 [2971]	2650 [2971]	2652 [3409]	2742 [3409]
Altura, Abierto [Con Cubierta]	[mm]	1573 [2027]	1673 [2027]	1972 [1955]	1972 [1955]
Peso, Abierto [Con Cubierta]	[kg]	1546 [1976]	1666 [2096]	1686 [2060]	1736 [2110]

# GENERADORES DIÉSEL -- SERIE JCP

Grupo		JCP 300	JCP 350	JCP 400	JCP 450
Potencia en Espera	kVA ( kWe ) A	300,0 [240,0] 433,5	350,0 [280,0] 506,0	400,0 [320,0] 578,0	450,0 [360,0] 650,3
Potencia Primaria	kVA ( kWe ) A	272,7 [218,2] 394,1	318,0 [254,0] 460,0	363,6 [290,9] 525,5	409,1 [327,3] 591,2
Potencia Continua	kVA ( kWe ) A	190,9 [152,7] 275,9	223,0 [178,0] 322,0	254,5 [203,6] 367,8	286,4 [229,1] 413,8
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
Motor					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		1506A-E88TAG4	1706A-E93TAG1	1706A-E93TAG2	2206A-E13TAG3
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	281,0	304,0	343,0	413,0
Potencia Neta del Motor	(kW)	268,0	295,0	334,0	399,0
Número de Cilindros		6	6	6	6
Configuración		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled
Tipo de Regulación		Electrónico	Electrónico	Electrónico	Electrónico
Desplazamiento	[L]	8,8	9,29	9,29	12,5
Diámetro y Carrera	[mm]	112 x 149	115 x 149	115 x 149	130 x 157
Relación de Compresión		16.1:1	16.5:1	16.5:1	16.3:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	31,05	32,7	36,03	42,58
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	45,00	46,75	52,14	63,22
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	59,40	61,04	68,80	83,87
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	65,35	66,81	75,78	93,17
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lt]	475 [673]	475 [673]	673 [673]	673 [400]
Alternador					
Modelo		JCB 270LX	JCB270LXA	JCB 315S	JCB 315M
Potencia de Salida	400 V-kVA	273,0	318,0	373,0	409,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
DIMENSIONES					
Ancho, Abierto [Con Cubierta]	[mm]	1100 [1179]	1100 [1179]	1200 [1179]	1200 [1600]
Largo, Abierto [Con Cubierta]	[mm]	2940 [3921]	2967 [3921]	3165 [3921]	3242 [4600]
Altura, Abierto [Con Cubierta]	[mm]	1961 [2498]	1966 [2498]	1966 [2498]	2325 [2280]
Peso, Abierto [Con Cubierta]	[kg]	2325 [2899]	2345 [2919]	2588 [3162]	2963 [3847]

Grupo		JCP 500	JCP 550	JCP 660	JCP 720
Potencia en Espera	kVA ( kWe ) A	500,0 [400,0] 722,5	550,0 [440,0] 794,8	660,0 [528,0] 953,8	720,0 [576,0] 1.010,5
Potencia Primaria	kVA ( kWe ) A	454,5 [363,6] 656,9	500,0 [400,0] 722,5	600,0 [480,0] 867,1	654,5 [523,6] 945,9
Potencia Continua	kVA ( kWe ) A	318,2 [254,5] 459,8	350,0 [280,0] 505,8	420,0 [336,0] 606,9	458,2 [366,5] 662,1
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
<b>Motor</b>					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		2506A-E15TAG1	2506A-E15TAG2	2806A-E18TAG1	2806A-E18TAG2
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	451,0	495,0	593,0	628,0
Potencia Neta del Motor	(kW)	434,0	478,0	575,0	609,0
Número de Cilindros		6	6	6	6
Configuración		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled
Tipo de Regulación		Electrónico	Electrónico	Electrónico	Electrónico
Desplazamiento	[L]	15,2	15,2	18,13	18,13
Diámetro y Carrera	[mm]	137 x 171	137 x 171	145 x 183	145 x 183
Relación de Compresión		16:1	16:1	14,5:1	14,5:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	50,30	55,33	63,73	71,30
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	71,86	79,06	93,72	102,37
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	95,33	104,36	127,47	137,17
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	103,83	115,12	138,60	148,24
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lt]	673 [400]	673 [400]	1350 [530]	1350 [530]
<b>Alternador</b>					
Modelo		JCB 315MXA	JCB 315L	JCB 355M	JCB 355M1
Potencia de Salida	400 V-kVA	468,0	514,0	600,0	659,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
<b>DIMENSIONES</b>					
Ancho, Abierto [Con Cubierta]	[mm]	1200 [1600]	1200 [1600]	1600 [1900]	1600 [1900]
Largo, Abierto [Con Cubierta]	[mm]	3629 [4600]	3629 [4600]	3636 [5000]	3636 [5000]
Altura, Abierto [Con Cubierta]	[mm]	2318 [2280]	2318 [2280]	2407 [2300]	2407 [2300]
Peso, Abierto [Con Cubierta]	[kg]	3340 [4224]	3378 [4262]	4079 [5689]	4219 [5829]

# GENERADORES DIÉSEL -- SERIE JCP

Grupo		JCP 770	JCP 825	JCP 850	JCP 900
Potencia en Espera	kVA ( kW <sub>e</sub> ) A	770,0 [616,0] 1.112,7	825,0 [660,0] 1.192,0	850,0 [680,0] 1.228,0	900,0 [720,0] 1.300,6
Potencia Primaria	kVA ( kW <sub>e</sub> ) A	700,0 [560,0] 1.011,6	750,0 [600,0] 1.083,0	722,0 [618,0] 1.115,0	818,2 [654,5] 1.182,3
Potencia Continua	kVA ( kW <sub>e</sub> ) A	490,0 [392,0] 708,1	525,0 [420,0] 758,0	540,0 [432,0] 780,0	572,7 [458,2] 827,6
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50

MOTOR					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		2806A-E18TTAG4	4006-23TAG2A	2806A-E18TTAG5	4006-23TAG3A
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	685,0	732,0	739,0	786,0
Potencia Neta del Motor	(kW)	657,0	702,0	714,0	760,0
Número de Cilindros		6	6	6	6
Configuración		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		SeriesTurbocharged/ Intercooled	Turbocharged/ Intercooled	SeriesTurbocharged/ Intercooled	Turbocharged/ Intercooled
Tipo de Regulación		Electrónico	Electrónico	Electrónico	Electrónico
Desplazamiento	[L]	18,13	22,921	18,13	22,921
Diámetro y Carrera	[mm]	145 x 183	160 x 190	145 x 183	160 x 190
Relación de Compresión		14:1	12,8:1	14:1	13,6:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	70,99	80,72	77,24	87,31
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	103,77	120,51	113,52	129,11
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	141,26	159,91	156,83	172,15
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	155,32	176,06	173,58	193,76
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[t]	1350 [530]	2000 [2000]	1350 [530]	2000 [2000]

ALTERNADOR					
Modelo		JCB 355MX	JCB 355MXA	JCB 355L	JCB 355LX
Potencia de Salida	400 V-kVA	700,0	750,0	773,0	850,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1

DIMENSIONES					
Ancho, Abierto [Con Cubierta]	[mm]	1600 [1900]	1710 [2100]	1600 [1900]	1710 [2100]
Largo, Abierto [Con Cubierta]	[mm]	3666 [5000]	4055 [5929]	3666 [5000]	4055 [5929]
Altura, Abierto [Con Cubierta]	[mm]	2407 [2300]	1964 [2405]	2407 [2300]	1964 [2405]
Peso, Abierto [Con Cubierta]	[kg]	4827 [6437]	6370 [10020]	4827 [6437]	6370 [10020]



Grupo		JCP 1000	JCP 1125	JCP 1250	JCP 1385
Potencia en Espera	kVA ( kWe ) A	1.000,0 [800,0] 1.445,1	1.125,0 [900,0] 1.625,7	1.250,0 [1.000,0] 1.806,4	1.385,0 [1.108,0] 2.001,4
Potencia Primaria	kVA ( kWe ) A	909,1 [727,3] 1.313,7	1.022,7 [818,2] 1.477,9	1.136,4 [909,1] 1.642,1	1.259,1 [1.007,3] 1.819,5
Potencia Continua	kVA ( kWe ) A	636,4 [509,1] 919,6	715,9 [572,7] 1.034,6	795,5 [636,4] 1.149,5	881,4 [705,1] 1.273,6
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
<b>MOTOR</b>					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		4008TAG1A	4008TAG2A	4008-30TAG3	4012-46TWG2A
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	882,0	985,0	1105,0	1217,0
Potencia Neta del Motor	(kW)	844,0	947,0	1055,0	1166,0
Número de Cilindros		8	8	8	12
Configuración		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vee 60°
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/WAC- Intercooled
Tipo de Regulación		Electronic	Electronic	Electronic	Electronic
Desplazamiento	[L]	30,561	30,561	30,561	45,842
Diámetro y Carrera	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Relación de Compresión		13,6:1	13,6:1	13:1	13:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	96,88	108,19	118,25	150,77
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	141,11	161,51	175,63	209,66
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	192,83	215,34	238,82	274,37
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	215,37	239,38	269,83	303,15
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lt]	2000 [2000]	2000 [2000]	2000 [2000]	2250 [2250]
<b>ALTERNADOR</b>					
Modelo		JCB 400S	JCB 400M	JCB 400MX	JCB 400L
Potencia de Salida	400 V-kVA	909,0	1000,0	1136,0	1273,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±1	±1
<b>DIMENSIONES</b>					
Ancho, Abierto [Con Cubierta]	[mm]	2050 [2350]	2050 [2350]	2200 [2350]	1800 [2352]
Largo, Abierto [Con Cubierta]	[mm]	5100 [6769]	5100 [6769]	5100 [6769]	5070 [7883]
Altura, Abierto [Con Cubierta]	[mm]	2145 [2405]	2145 [2405]	2145 [2405]	2291 [2706]
Peso, Abierto [Con Cubierta]	[kg]	7640 [11290]	7820 [11470]	8050 [11700]	9340 [14360]

# GENERADORES DIÉSEL -- SERIE JCP

Grupo		JCP 1500	JCP 1656	JCP 1880	JCP 2000
Potencia en Espera	kVA ( kWe ) A	1.500,0 [1.200,0] 2.167,6	1.656,0 [1.324,8] 2.393,1	1.880,0 [1.504,0] 2.716,8	2.000,0 [1.600,0] 2.890,2
Potencia Primaria	kVA ( kWe ) A	1.363,6 [1.090,9] 1.970,6	1.505,5 [1.204,4] 2.175,5	1.709,1 [1.367,3] 2.469,8	1.818,2 [1.454,5] 2.627,4
Potencia Continua	kVA ( kWe ) A	954,5 [763,6] 1.379,4	1.053,8 [843,1] 1.522,9	1.196,4 [957,1] 1.728,8	1.272,7 [1.018,2] 1.839,2
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
MOTOR					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		4012-46TWG3A	4012-46TAG2A	4012-46TAG3A	4016-61TRG1
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	1321,0	1459,0	1643,0	1774,0
Potencia Neta del Motor	(kW)	1263,0	1395,0	1583,0	1684,0
Número de Cilindros		12	12	12	16
Configuración		Vee 60°	Vee 60°	Vee 60°	Vee 60°
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/WAC- Intercooled	Turbocharged/WAC- Intercooled	Turbocharged/ Intercooled	Turbocharged/ WAC-Intercooled
Tipo de Regulación		Electronic	Electronic	Electronic	Electronic
Desplazamiento	[L]	45,842	45,842	45,842	61,123
Diámetro y Carrera	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Relación de Compresión		13:1	13:1	13:1	13:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	158,59	157,09	176,16	198,33
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	224,21	233,31	269,48	300,38
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	297,54	309,53	362,79	385,17
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	333,32	341,00	403,11	414,62
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lt]	2500 [2500]	2500 [2500]	3000 [3000]	3000 [3000]
ALTERNADOR					
Modelo		JCB 400L1	JCB 400L2	JCB 450S	JCB 450SX
Potencia de Salida	400 V-kVA	1418,0	1500,0	1750,0	1818,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±1	±1	±0.5	±0.5
DIMENSIONES					
Ancho, Abierto [Con Cubierta]	[mm]	1800 [2352]	1800 [2352]	2200 [2352]	2190 [2430]
Largo, Abierto [Con Cubierta]	[mm]	5070 [7883]	5225 [7883]	5225 [7883]	6200 [12000]
Altura, Abierto [Con Cubierta]	[mm]	2291 [2706]	2255 [2706]	2259 [2706]	3100 [3200]
Peso, Abierto [Con Cubierta]	[kg]	9570 [14590]	10385 [15405]	12036 [17056]	12720 [19840]

Grupo		JCP 2030	JCP 2250	JCP 2263	JCP 2500
Potencia en Espera	kVA ( kWe ) A	2.030,0 [1.624,0] 2.933,5	2.250,0 [1.800,0] 3.251,4	2.263,0 [1.810,4] 3.270,2	2.500,0 [2.000,0] 3.612,7
Potencia Primaria	kVA ( kWe ) A	1.845,5 [1.476,4] 2.666,8	2.045,5 [1.636,4] 2.955,9	2.057,3 [1.645,8] 2.972,9	2.272,7 [1.818,2] 3.284,3
Potencia Continua	kVA ( kWe ) A	1.291,8 [1.033,5] 1.866,8	1.431,8 [1.145,5] 2.069,1	1.440,1 [1.152,1] 2.081,1	1.590,9 [1.272,7] 2.299,0
Factor de Potencia	CosQ	0,8	0,8	0,8	0,8
Frecuencia	Hz	50	50	50	50
Motor					
Marca		PERKINS	PERKINS	PERKINS	PERKINS
Modelo		4016TAG1A	4016-61TRG2	4016TAG2	4016-61TRG3
Velocidad	(RPM)	1500	1500	1500	1500
Potencia Bruta del Motor	(kW)	1741,0	1985,0	1937,0	2183,0
Potencia Neta del Motor	(kW)	1690,0	1895,0	1886,0	2083,0
Número de Cilindros		16	16	16	16
Configuración		Vee 60°	Vee 60°	Vee 60°	Vee 60°
Emisión		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiración		Turbocharged/ Intercooled	Turbocharged/ WAC-Intercooled	Turbocharged/ Intercooled	Turbocharged/ WAC-Intercooled
Tipo de Regulación		Electronic	Electronic	Electronic	Electronic
Desplazamiento	[L]	61,123	61,123	61,123	61,123
Diámetro y Carrera	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Relación de Compresión		13.6:1	13:1	13.6:1	13:1
Sistema Eléctrico	[V]	24	24	24	24
Consumo de Combustible en Modo Primario - Carga del 50%	[L/h]	198,33	216,59	216,59	234,24
Consumo de Combustible en Modo Primario - Carga del 75%	[L/h]	300,38	318,70	318,70	344,48
Consumo de Combustible en Modo Primario - Carga del 100%	[L/h]	385,17	422,87	422,87	470,78
Consumo de Combustible en Modo Primario - Carga del 110%	[L/h]	414,62	477,78	477,78	530,52
Capacidad del Tanque de Combustible, sin Cubierta (Con Cubierta)	[lit]	3000 [3000]	3000 [3000]	3000 [3000]	3500 [3500]
ALTERNADOR					
Modelo		JCB 450SX	JCB 450M	JCB 450M	JCB 450MX
Potencia de Salida	400 V-kVA	1818,0	2045,0	2045,0	2273,0
Sobrevuelta	rpm	2250	2250	2250	2250
Clase de Aislamiento		H	H	H	H
Índice de Protección		IP-23	IP-23	IP-23	IP-23
Voltaje		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Regulación de Voltaje		±0.5	±0.5	±0.5	±0.5
Dimensiones					
Ancho, Abierto [Con Cubierta]	[mm]	2775 [2900]	2190 [2430]	2775 [2900]	2200 [2430]
Largo, Abierto [Con Cubierta]	[mm]	6100 [12000]	6200 [12000]	6100 [12000]	6650 [12000]
Altura, Abierto [Con Cubierta]	[mm]	3300 [3500]	3100 [3200]	3300 [3500]	3300 [3500]
Peso, Abierto [Con Cubierta]	[kg]	15680 [24850]	12720 [19840]	15680 [24850]	15800 [22920]

# NUESTROS CERTIFICADOS



**GCR CERT**

**CERTIFICATE**

**HEALTHY & SAFE  
WORKPLACE CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN


In recognition of the organization's Management System which complies with the requirements for COVID-19 measures, within the physical conditions of the business with in the scope of the Healthy and Safe Workplace Certificate program.

**FACTORIES - PRODUCTION LOCATIONS:  
ELECTRICAL AND ELECTRONICS INDUSTRY**

Certificate Number : GCRCERT-11.2023.3650  
Certificate Issue Date : 07.11.2023  
Certificate Validity : 06.11.2025




*Abimanyu Gaurav*  
Approval

**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN


In recognition of the organization's Management System which complies with

**ISO 22716:2013:GMP  
GOOD MANUFACTURING PRACTICES**


The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3585  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025



*Abimanyu Gaurav*  
Approval




**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

In recognition of the organization's Management System which complies with

**GHP**


The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3587  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025

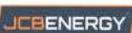


*Abimanyu Gaurav*  
Approval

**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

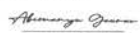
In recognition of the organization's Management System which complies with

**GDP**



The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-11.2023.3596  
Certificate Issue Date : 01.11.2023  
Certificate Validity : 31.10.2025




*Abimanyu Gaurav*  
Approval

**GCR CERT**

**CERTIFICATE**



**JCB ENERGY ELECTRIC  
POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7  
PLANTA 3, PUERTA C  
28042 MADRID - (MADRID), SPAIN

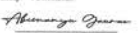
In recognition of the organization's Management System which complies with

**ISO 10002:2018**



The scope of activities covered by this certificate is defined below

**PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS.**

Certificate Number : GCRCERT-10.2023.3525  
Certificate Issue Date : 25.10.2023  
Certificate Validity : 24.10.2025



*Abimanyu Gaurav*  
Approval

**JCB Energy Electric Power  
Industry S.L.**


HAS OUR TOTAL SUPPORT

We are pleased to certify that this company, with its registered office (address as below), is fully authorised as an Original Equipment Manufacturer partner to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

Mecc Alte also certifies that its products sold to this company are fully covered by the Mecc Alte Warranty.

Mecc Alte provides this company access to its extensive product knowledge in order to incorporate Mecc Alte AC Generators when selling and distributing generating sets.

World class alternators 1 - C000VIX.




**APPROVED  
MANUFACTURER**

**Radex Mivico**

CERTIFICATE NO.  
MA000163

VALID UNTIL  
31 December 2026

COMPANY ADDRESS  
Calle de Trespaderne, 7, P.I. 28042,  
Madrid, Spain




**POWER FROM WITHIN**



## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO/IEC 27001:2022

(Information Security Management System)

**SCOPE OF CERTIFICATION**



PROTECTION OF INFORMATION ASSETS OF RECORDS IN PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS  
SoA Details: JCB/12.12.2022

Certificate Number : **QCAS-JEE-24-051581691**

Initial Certification Date : 26 Nov 2024      Date of Expiry : 25 Nov 2027  
1st Surveillance Date : 26 Oct 2025      2nd Surveillance Date : 26 Oct 2026

Verify the Certificate: <https://qaafs.us/site/search/>

Issued by QCAS Certifications Inc.  
Managing Director

QCAS (Quality Certification Authority) is a member of the International Register of Certificated Auditors (IRCA). The certificate holder is required to undergo a surveillance audit by QCAS in accordance with the requirements of the standard. The certificate is subject to successful completion of surveillance audits. Failure to comply with the requirements of the standard may result in the suspension or withdrawal of the certificate.

## CERTIFICATE OF REGISTRATION

This is to certify that the Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7 PLANTA 3, PUERTA C 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 50001:2018

(Energy Management System)

**SCOPE OF CERTIFICATION**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

Certificate Number : **QCAS-JCB-23-05158814**

1<sup>st</sup> Surveillance Completed : 26 Nov 2024

Initial Certification Date : 25 Oct 2023      Date of Expiry : 24 Oct 2026  
1st Surveillance Date : 25 Sep 2024      2nd Surveillance Date : 25 Sep 2025

Verify the Certificate: <https://qaafs.us/site/search/>


Issued by QCAS Certifications Inc.  
Managing Director




QCAS (Quality Certification Authority) is a member of the International Register of Certificated Auditors (IRCA). The certificate holder is required to undergo a surveillance audit by QCAS in accordance with the requirements of the standard. The certificate is subject to successful completion of surveillance audits. Failure to comply with the requirements of the standard may result in the suspension or withdrawal of the certificate.

## Certificate of Surveillance

This is to certify that the Environmental Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 14001:2015

(Environmental Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS



(IAF Code: 18,19)

Certificate Number : 251022013423  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
<https://uaafaccreditation.org>  
<https://www.iafcertsearch.org/>

Issued by ARS Assessment Private Limited  
Managing Director

UAF Address : 401, North Center Dr, STE 202, Norfolk, VA 23502, United States of America.  
The certificate holder is required to undergo a surveillance audit by ARS in accordance with the requirements of the standard. The certificate is subject to successful completion of surveillance audits. Failure to comply with the requirements of the standard may result in the suspension or withdrawal of the certificate.

## Certificate of Surveillance

This is to certify that the Occupational Health and Safety Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 45001:2018

(Occupational Health and Safety Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022013424  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

To verify certificate, visit at :  
[www.arscert.com](http://www.arscert.com)  
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UAF Address : 401, North Center Dr, STE 202, Norfolk, VA 23502, United States of America.  
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## Certificate of Surveillance

This is to certify that the Quality Management System of



**JCB ENERGY ELECTRIC POWER INDUSTRY**

CALLE DE TRESPADERNE, NUM 7, PLANTA 3, PUERTA C, 28042 MADRID - (MADRID), SPAIN

is in accordance with the requirements of the following standard

### ISO 9001:2015

(Quality Management System)

**SCOPE**

PRODUCTION, SALES AND SERVICE OF DIESEL GENERATORS, PORTABLE GENERATORS, GAS GENERATORS, LIGHT TOWER GENERATORS, WELDING GENERATORS, TRAILER GENERATORS, GENERATOR SPARE PARTS, SYNCHRONIZED SYSTEM, WATER PUMPS, ALTERNATORS, FORKLIFTS, UPS, REGULATORS, CONVERTERS, SHUTTER POWER SOURCES, TRANSFORMERS, SOLAR PANELS

(IAF Code: 18,19)

Certificate Number : 251022013422  
1<sup>st</sup> Surveillance Completed: 26-Nov-2024

Initial Registration Date : 25-Oct-2023  
1<sup>st</sup> Surveillance Date : 25-Sep-2024  
2<sup>nd</sup> Surveillance Date : 25-Sep-2025  
Certificate Expiry Date : 24-Oct-2026

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